

ABSTRACT

In this power converter, a first capacitor for stepping down of voltage, a first diode for half-wave rectification, and a second capacitor for smoothing are interposed between first and second input connections for input of AC voltage; and a second diode for discharge of the first capacitor is interposed between the second input connection and an input end of the first diode. AC voltage supplied from an AC power supply is divided (stepped down) by the first and second capacitors, rectified to DC voltage by the first diode, smoothed by the second capacitor, and supplied, as an output voltage defined by Zener diodes, to the load side through the first and second output connections.